

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A system for the attenuation of radiation during a Computed Tomography procedure conducted using a Computed Tomography machine having a gantry defining an opening, the system comprising:

a shield made of a radiation attenuation material, the shield is configured to be disposed at least partially in front of the opening defined by the gantry to reduce radiation exposure during the Computed Tomography procedure; and

an interface configured to detachably couple the shield to the Computed Tomography machine,

wherein the shield is configured to be selectively added and removed from the Computed Tomography machine depending on the Computed Tomography procedure.

2. (Currently Amended) The system of claim 1, wherein the shield is configured to be coupled to the Computed Tomography machine radiation attenuation material is a flexible material.

3. (Currently Amended) The system of claim 2, wherein the shield is configured to be detachably coupled to the Computed Tomography machine a one-piece member extending continuously between a first portion configured to be detachably coupled to the Computed Tomography machine and a second portion configured to drape over a patient undergoing the Computed Tomography procedure.

4. (Currently Amended) The system of claim 2, wherein the shield is configured to be directly coupled to a front portion of the Computed Tomography machine near the gantry.

5. (Currently Amended) The system of claim 4, wherein the shield is configured to be coupled to the front portion of the Computed Tomography machine and a patient table remain stationary as a patient enters the opening defined by the gantry.

6. (Currently Amended) The system of claim 3 5, further comprising a fastener provided on the shield for detachably coupling the shield to the Computed Tomography machine wherein the shield is configured to be engaged by the patient entering the opening.

7. (Currently Amended) The system of claim 6 1, wherein the fastener is interface comprises a hook and loop fastener.

8. (Original) The system of claim 7, wherein the hook and loop fastener is provided along a top portion of the shield.

9. (Currently Amended) The system of claim 6, wherein the fastener is interface comprises at least one of a snap, adhesive, grommet, or zipper.

10. (Currently Amended) The system of claim 4 3, wherein the shield is a substantially solid member that is disposed at least partially in front of the opening defined by the gantry.

11. (Currently Amended) The system of claim 4 3, wherein the shield includes a plurality of flaps extending in a substantially vertical direction.

12. (Currently Amended) The system of claim 4 3, wherein the shield is a curtain having includes at least one slit starting at a bottom edge of the shield and extending in a substantially vertical direction for enabling access to the patient.

13. (Currently Amended) The system of claim 42 1, wherein the shield includes a plurality of slits for enabling access to the patient radiation attenuation material is substantially non-lead.

14. (Original) The system of claim 1, wherein the shield has a substantially rectangular shape.

15. (Original) The system of claim 1, wherein the shield has a curvilinear edge.

16. (Original) The system of claim 15, wherein the shield has a substantially circular shape.

17. (Original) The system of claim 1, wherein the shield is configured to reduce radiation exposure to a medical personnel near the Computed Tomography machine during the Computed Tomography procedure

18. (Original) The system of claim 1, wherein the shield is configured to reduce radiation exposure to the patient during the Computed Tomography procedure.

19. (Currently Amended) A system for the attenuation of radiation during a Computed Tomography procedure conducted using a Computed Tomography machine configured to receive a patient table, the system comprising:

~~a shield made of a radiation attenuation material, the shield is configured to be positioned between a medical personnel and the Computed Tomography machine to protect the medical personnel from radiation exposure during the Computed Tomography procedure;~~

an interface configured to detachably couple the shield to the Computed Tomography machine,

wherein the shield is configured to be selectively added to and removed from the Computed Tomography machine by medical personnel depending on the Computed Tomography procedure.

20. (Currently Amended) The system of claim 19, wherein the shield is configured to be positioned near at least one of a patient table and a gantry of the Computed Tomography machine further configured to be coupled at a lateral side of the patient table and extend downward therefrom.

21. (Currently Amended) The system of claim 19 20, wherein the shield is configured to be coupled to at least one of a patient table and a front portion of the Computed Tomography extend continuously between the Computed Tomography machine and the patient table.

22. (Currently Amended) The system of claim 21, wherein the shield is configured to be directly coupled to the patient table ~~along an outer edge of the shield and drape over the side of the patient table until a bottom portion of the shield is substantially near a floor and the Computed Tomography machine.~~

23. (Currently Amended) The system of claim 21, wherein the shield is ~~coupled to the front portion of the Computed Tomography machine near a gantry a one-piece member having a substantially rectangular shape.~~

24. (Currently Amended) The system of claim ~~24~~ 19, wherein the attenuation material is a flexible material.

25. (Currently Amended) The system of claim 24, wherein the ~~shield is dimensioned to be coupled to both the patient table and the front portion of the Computed Tomography machine~~ radiation attenuation material is substantially non-lead.

26. (Currently Amended) The system of claim ~~24~~ 19, wherein ~~the shield is substantially rectangular in shape~~ interface is a hook and loop fastener.

27. (Currently Amended) The system of claim 19, wherein the shield is ~~positionable of both sides of the patient table~~ configured to be selectively moved between a first lateral side of the patient table and a second lateral side of the patient table.

28-36. (Canceled)

37. (Currently Amended) A method of attenuating radiation exposure to a medical personnel during a Computed Tomography procedure preformed by a Computed Tomography machine, the method comprising:

disposing detachably coupling a radiation attenuation material on to the  
Computed Tomography machine between the medical personnel and the Computed  
Tomography machine,

wherein the radiation attenuation material is configured to be selectively added  
to and removed from the Computed Tomography machine by the medical personnel  
depending on the Computed Tomography procedure.

38. (Original) The method of claim 37, further comprising disposing the radiation attenuation material across an opening defined by a gantry of a Computed Tomography machine.

39. (Currently Amended) The method of claim 35 37, further comprising coupling the radiation attenuation material to a front portion of the Computed Tomography machine.

40. (Original) The method of claim 37, further comprising coupling the radiation material to a patient table.

41. (Currently Amended) A system for the attenuation of radiation during a Computed Tomography procedure conducted using a Computed Tomography machine, the system comprising:

means for reducing radiation exposure to a medical personnel during the Computed Tomography procedure,

wherein the means is configured to be coupled to the Computed Tomography  
machine and positioned between the Computed Tomography machine and the medical  
personnel, and

wherein the means is substantially non-lead.

42. (New) The system of claim 41, wherein the means is detachably coupled to the Computed Tomography machine.

43. (New) The system of claim 42, wherein the means is configured to be selectively added to and removed from the Computed Tomography machine by the medical personnel depending on the Computed Tomography procedure.

44. (New) The system of claim 43, wherein the means comprises a one-piece member configured to be at least partially disposed in front of an opening defined by a gantry of the Computed Tomography machine.

45. (New) The system of claim 43, wherein the means comprises a one-piece member configured to be detachably coupled to a front portion of the Computed Tomography machine.

46. (New) The system of claim 45, wherein the one-piece member is further configured to be detachably coupled at lateral side of a patient table.

47. (New) The system of claim 46, wherein the one-piece member extends continuously between the front portion of the Computed Tomography machine and the lateral side of the patient table.